

(Use several sheets if necessary)

**ELZK-004**

**09/815,726**

**Applicant(s)**

John Kroeker et al.

Filing Date

**March 23, 2001**

### Group Art Unit

2661

U.S. PATENT DOCUMENTS

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

YES	NO
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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**DATE CONSIDERED**

10/08/05

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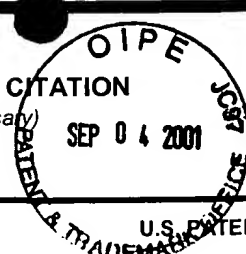

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MAS	5,027,408	6/25/91	Kroeker et al.			
	5,168,524	12/1/92	Kroeker et al.			
	5,369,726	11/29/94	Kroeker et al.			
	6,052,682	4/18/00	Miller et al.			
	5,799,276	8/25/98	Komissarchik et al.			
	5,822,728	10/13/98	Applebaum et al.			
	5,822,729	10/13/98	Glass et al.			
	5,825,977	10/20/98	Morin et al.			
	5,835,890	11/10/98	Matsui et al.			
	5,647,002	7/8/97	Brunson			
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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MAS		Makhoul, J. and R. Schwartz, State of the art continuous speech recognition, Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 9956-9963, 1995
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MAS	5,687,212	11/11/97	Kinser Jr. et al.			
	5,864,614	1/26/99	Farris et al.			
	5,083,268	1/21/92	Hemphill et al.			
	5,457,768	10/10/95	Tsuboi et al.			
	5,687,384	11/11/97	Nagase			
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MAS	5,748,841	5/5/98	Morin et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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MAS		Atlas, L. et al., Quadratic Detectors for General Nonlinear Analysis of Speech, ICASSP, Vol. 2, pp 9-12, 1992
MAS		Okawa, S. et al., Estimation of Statistical Phoneme Center Considering Phonemic Environments, ICSLP, Vol. 2, pp 1069-1072, 1996

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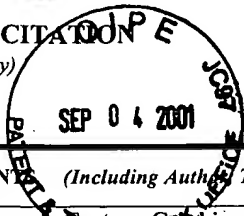
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Docket Number (Optional)

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Sharma, S. et al., Feature Extraction Using Non-Linear Transformation for Robust Speech Recognition on the Aurora Database, IEEE, 1117-1120, 2000

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Kingsbury, B., Perceptually Inspired Signal-processing Strategies for Robust Speech Recognition in Reverberant Environments, dissertation, University of California Berkeley, 1998

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